

JUL 01 2002

TRANSMITTAL  
FORM

(to be used for all correspondence after initial filing)

|                        |                  |
|------------------------|------------------|
| Application Number     | 09/437,579       |
| Filing Date            | November 9, 1999 |
| First Named Inventor   | A. MacInnis      |
| Group Art Unit         | 2671             |
| Examiner Name          | K. Tung          |
| Attorney Docket Number | 13338US02        |

Total Number of Pages in This Submission

## ENCLOSURES (check all that apply)

|   |  |   |
|---|--|---|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input checked="" type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)<br><input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please identify below):<br><br>Return-receipt postcard |
|---|--|---|

RECEIVED

JUL 08 2002

Technology Center 2600

Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|                         |                               |
|-------------------------|-------------------------------|
| Firm or Individual Name | McAndrews Held & Malloy, Ltd. |
| Signature               | <i>[Signature]</i>            |
| Date                    | June 24, 2002                 |

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: June 24, 2002

|                   |                    |                                   |               |
|-------------------|--------------------|-----------------------------------|---------------|
| Name (Print/type) | John A. Wiberg     | Registration No. (Attorney/Agent) | 44,401        |
| Signature         | <i>[Signature]</i> | Date                              | June 24, 2002 |



23446

PATENT TRADEMARK OFFICE

E



Attorney Docket No. 13338US02

23/08/02  
7/14/02  
N.E.

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

A. G. MacInnis et al.

Serial No.: 09/437,579

Filed: November 9, 1999

For: GRAPHICS ACCELERATOR

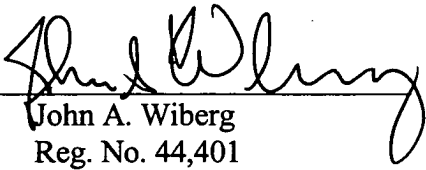
Group Art Unit: 2671

Examiner: K. Tung

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, BOX AF, Washington D.C. 20231, on June 24, 2002.

By:

  
John A. Wiberg  
Reg. No. 44,401

AMENDMENT AFTER FINAL

Commissioner for Patents  
BOX AF  
Washington, D.C. 20231

RECEIVED

COPY OF PAPERS  
ORIGINALLY FILED

JUL 08 2002

Technology Center 2600

Dear Sir:

Applicants submit this amendment in response to the Office Action dated May 8, 2002.

**IN THE CLAIMS:**

Please amend claims 59 and 61 as follows:

59. (Twice amended) A graphics accelerator comprising:
- a local memory for storing graphics data;
  - a coprocessor for performing operations on the graphics data; and
  - a direct memory access (DMA) engine for transferring the graphics data between an external memory and the local memory, wherein the coprocessor posts a plurality of commands to the queue and the DMA executes the commands concurrently with the operation of the coprocessor.

O.K. to enter  
for  
8/2/02

3

F